

## SUBSTITUTE SPECIFICATION

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### Abstract

\_\_\_\_\_ A method for logging the performance of a vehicle suspension system including the steps of measuring the dynamic effect of an impulsive load with an  
5 electronic weighing system, wherein the electronic weighing system is mounted  
onboard the vehicle, and determining one or more parameters selected from the group  
consisting of the dampening ratio of the suspension, the oscillation frequency of the  
suspension and the impact loading of the vehicle.